2012, March 31
data subject to change

The new classic light bulb

EcoClassic Candle B35

Philips EcoClassic Candle light bulbs offer the classical shape you are used to, but with better energy efficiency. This new 'classic' gives high-quality light, is dimmable and starts immediately.

Benefits

- Identical look and feel to standard lamp, with bright, sparkling halogen light
- Fully dimmable, from 0 to 100%, to meet different brightness requirements
- Double the lifetime of a standard bulb
- Immediate light when switching on

Features

- Superior quality of light with excellent color rendering (Ra=100)
- Mains-voltage lamp, no transformer needed
- Universal burning position
- Instant start

Application

- Accent and general lighting applications in homes, offices, shops, hotels and restaurants. Replacement for traditional bulb in classical luminaires

PHILIPS
sense and simplicity

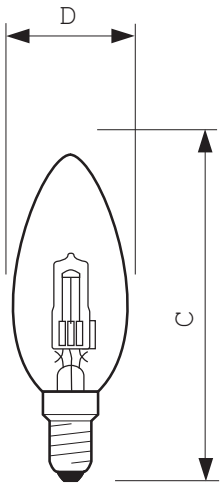
Related products

E14, B35, Clear

B22, B35, Clear

E14, B35, Clear, 120V

Dimensional drawing



E14, B35

Product	C (Max)	D (Max)
EcoCl30 28W E14 127V B35 CL	99.5	36
EcoCl30 28W E14 120V B35 CL	99.5	36
EcoCl30 28W E14 230V B35 CL	99.5	36
EcoCl30 28W E14 230V B35 CL	99.5	36
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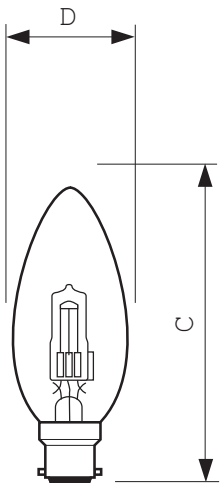
EcoCl30 28W E14 230V B35 CL	99.5	36
EcoCl30 28W E14 230V B35 CL	99.5	36
EcoCl30 28W E14 240V B35 CL	99.5	36
EcoCl30 18W E14 230V B35 CL	99.5	36
EcoCl30 18W E14 230V B35 CL	99.5	36
EcoCl30 18W E14 230V B35 CL	99.5	36
EcoCl30 18W E14 230V B35 CL	99.5	36
EcoCl30 18W E14 240V B35 CL	99.5	36
EcoCl30 42W E14 127V B35 CL	99.5	36
EcoCl30 42W E14 120V B35 CL	99.5	36
EcoCl30 42W E14 230V B35 CL	99.5	36
EcoCl30 42W E14 230V B35 CL	99.5	36
EcoCl30 42W E14 230V B35 CL	99.5	36
EcoCl30 42W E14 230V B35 CL	99.5	36
EcoCl30 42W E14 240V B35 CL	99.5	36
EcoCl30 28W E14 230V B35 CL	99.5	36
EcoCl30 28W E14 230V B35 CL	99.5	36
EcoCl30 42W E14 230V B35 CL	99.5	36

Dimensional drawing



EcoCl30 18W E14 230V B35 CL	99.5	36

B22, B35

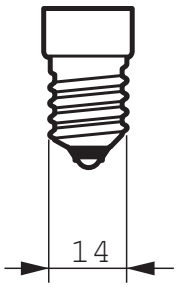
Product	C (Max)	D (Max)
EcoCl30 28W B22 230V B35 CL	94.5	36
EcoCl30 28W B22 230V B35 CL	94.5	36
EcoCl30 28W B22 240V B35 CL	94.5	36
EcoCl30 42W B22 240V B35 CL	94.5	36
EcoCl30 18W B22 240V B35 CL	94.5	36

General Characteristics

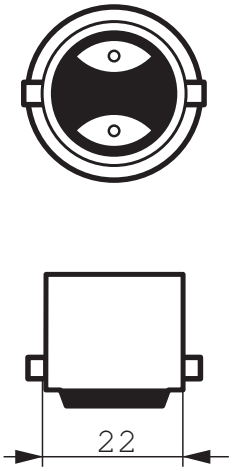
Order code	Full product name	Bulb	Bulb Finish	Cap-Base	Operating Position	Average Lifetime	Life to 50% failures	Rated Lifetime (hours)	Rated Lifetime (years)
925636935801	EcoClassic 28W E14 127V B35 CL 1CT	B35	Clear	E14	any	-	1500	1500	1.5
925639644201	EcoClassic 28W E14 230V B35 CL 1CT	B35	Clear	E14	any	-	-	2000	2
925639644202	EcoClassic 28W E14 230V B35 CL 1BC	B35	Clear	E14	any	-	-	2000	2
925639644208	EcoClassic 28W E14 230V B35 CL 1BC	B35	Clear	E14	any	-	-	2000	2
925639644213	EcoClassic 28W E14 230V B35 CL 1CT	B35	Clear	E14	any	-	-	2000	2
925639644221	EcoClassic 28W E14 230V B35 CL 1CT	B35	Clear	E14	any	-	-	2000	2
925639644224	EcoClassic 28W E14 230V B35 CL 2BC	B35	Clear	E14	any	-	-	2000	2
925639645503	EcoClassic 28W E14 240V B35 CL 1CT	B35	Clear	E14	any	-	-	2000	2
925646144201	EcoClassic 18W E14 230V B35 CL 1CT	B35	Clear	E14	any	-	-	2000	2
925646144202	EcoClassic 18W E14 230V B35 CL 1BC	B35	Clear	E14	any	-	-	2000	2
925646144209	EcoClassic 18W E14 230V B35 CL 1CT	B35	Clear	E14	any	-	-	2000	2
925646144212	EcoClassic 18W E14 230V B35 CL 2BC	B35	Clear	E14	any	-	-	2000	2
925646145501	EcoClassic 18W E14 240V B35 CL 1CT	B35	Clear	E14	any	-	2000	2000	2
925646335801	EcoClassic 42W E14 127V B35 CL 1CT	B35	Clear	E14	any	-	1500	1500	1.5
925646344201	EcoClassic 42W E14 230V B35 CL 1CT	B35	Clear	E14	any	-	-	2000	2
925646344202	EcoClassic 42W E14 230V B35 CL 1BC	B35	Clear	E14	any	-	-	2000	2
925646344207	EcoClassic 42W E14 230V B35 CL 1CT	B35	Clear	E14	any	-	-	2000	2
925646344210	EcoClassic 42W E14 230V B35 CL 2BC	B35	Clear	E14	any	-	-	2000	2
925646345503	EcoClassic 42W E14 240V B35 CL 1CT	B35	Clear	E14	any	-	-	2000	2
925649644214	EcoClassic 28W E14 230V B35 CL 1CT	B35	Clear	E14	any	-	-	1500	1.5
925649644219	EcoClassic 28W E14 230V B35 CL 2BC	B35	Clear	E14	any	-	-	1500	1.5
925692444219	EcoClassic 42W E14 230V B35 CL 2BC	B35	Clear	E14	any	1500	1500	1500	2
925694844205	EcoClassic 1500h 18W E14 230V B35 CL 2BC	B35	Clear	E14	any	1500	1500	1500	1.5
925639844202	EcoClassic 28W B22 230V B35 CL 1BC	B35	Clear	B22	any	-	-	2000	2
925639844204	EcoClassic 28W B22 230V B35 CL 2BC	B35	Clear	B22	any	-	-	2000	2
925639845503	EcoClassic 28W B22 240V B35 CL 1CT	B35	Clear	B22	any	-	-	2000	2
925646545503	EcoClassic 42W B22 240V B35 CL 1CT	B35	Clear	B22	any	-	-	2000	2

Order code	Full product name	Bulb	Bulb Finish	Cap-Base	Operating Position	Average Lifetime	Life to 50% failures	Rated Lifetime (hours)	Rated Lifetime (years)
925693545501	EcoClassic 18W B22 240V B35 CL 1CT	B35	Clear	B22	any	-	2000	2000	2
925636936301	EcoClassic 28W E14 120V B35 CL 1CT	B35	Clear	E14	any	-	2000	2000	2
925646336301	EcoClassic 42W E14 120V B35 Clear 1CT	B35	Clear	E14	any	-	2000	2000	2
925712245501	EcoClassic 18W B15 240V B35 CL 1CT	B35	Clear	B15	any	-	2000	2000	2
925712345501	EcoClassic 28W B15 240V B35 CL 1CT	B35	Clear	B15	any	-	2000	2000	2
925712545501	EcoClassic 42W B15 240V B35 CL 1CT	B35	Clear	B15	any	-	2000	2000	2

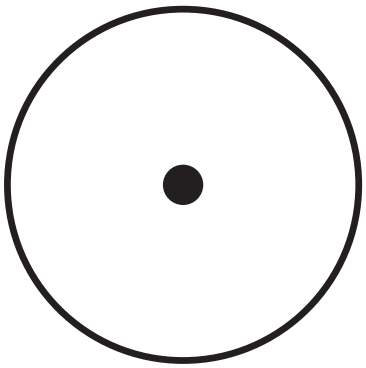
Installation diagrams



E14



B22



any

Light Technical Characteristics

Order code	Full product name	Luminous flux lamp	Color Rendering Index	Luminous Efficacy Lamp	Color Temperature	Rated Luminous Flux	LLMF - end nominal lifetime
925636935801	EcoClassic 28W E14 127V B35 CL 1CT	400	100	14.3	2800	400	85
925639644201	EcoClassic 28W E14 230V B35 CL 1CT	346	100	12.4	2800	346	80 (min)
925639644202	EcoClassic 28W E14 230V B35 CL 1BC	346	100	12.4	2800	346	80 (min)
925639644208	EcoClassic 28W E14 230V B35 CL 1BC	346	100	12.4	2800	346	80 (min)
925639644213	EcoClassic 28W E14 230V B35 CL 1CT	346	100	12.4	2800	346	80 (min)
925639644221	EcoClassic 28W E14 230V B35 CL 1CT	346	100	12.4	2800	346	80 (min)
925639644224	EcoClassic 28W E14 230V B35 CL 2BC	346	100	12.4	2800	346	80 (min)
925639645503	EcoClassic 28W E14 240V B35 CL 1CT	346	100	12.4	2800	346	80 (min)
925646144201	EcoClassic 18W E14 230V B35 CL 1CT	200	100	11.1	2800	200	80 (min)
925646144202	EcoClassic 18W E14 230V B35 CL 1BC	200	100	11.1	2800	200	80 (min)
925646144209	EcoClassic 18W E14 230V B35 CL 1CT	200	100	11.1	2800	200	80 (min)
925646144212	EcoClassic 18W E14 230V B35 CL 2BC	200	100	11.1	2800	200	80 (min)
925646145501	EcoClassic 18W E14 240V B35 CL 1CT	200	100	11.1	2800	200	80 (min)
925646335801	EcoClassic 42W E14 127V B35 CL 1CT	730	100	17.4	2900	730	85
925646344201	EcoClassic 42W E14 230V B35 CL 1CT	630	100	15.0	2800	630	80 (min)
925646344202	EcoClassic 42W E14 230V B35 CL 1BC	630	100	15.0	2800	630	80 (min)
925646344207	EcoClassic 42W E14 230V B35 CL 1CT	630	100	15.0	2800	630	80 (min)
925646344210	EcoClassic 42W E14 230V B35 CL 2BC	630	100	15.0	2800	630	80 (min)
925646345503	EcoClassic 42W E14 240V B35 CL 1CT	630	100	15.0	2800	630	80 (min)
925649644214	EcoClassic 28W E14 230V B35 CL 1CT	346	100	12.4	2800	346	80 (min)
925649644219	EcoClassic 28W E14 230V B35 CL 2BC	346	100	12.4	2800	346	80 (min)
925692444219	EcoClassic 42W E14 230V B35 CL 2BC	630	100	15.0	2800	630	80 (min)
925694844205	EcoClassic 1500h 18W E14 230V B35 CL 2BC	200	100	11.1	2800	200	80 (min)
925639844202	EcoClassic 28W B22 230V B35 CL 1BC	346	100	12.4	2800	346	80 (min)
925639844204	EcoClassic 28W B22 230V B35 CL 2BC	346	100	12.4	2800	346	80 (min)
925639845503	EcoClassic 28W B22 240V B35 CL 1CT	346	100	12.4	2800	346	80 (min)
925646545503	EcoClassic 42W B22 240V B35 CL 1CT	630	100	15.0	2800	630	80 (min)
925693545501	EcoClassic 18W B22 240V B35 CL 1CT	200	100	11.1	2800	200	80
925636936301	EcoClassic 28W E14 120V B35 CL 1CT	400	100	14.3	2800	400	85
925646336301	EcoClassic 42W E14 120V B35 Clear 1CT	730	100	17.4	2900	730	85
925712245501	EcoClassic 18W B15 240V B35 CL 1CT	204	100	-	2800	204	-
925712345501	EcoClassic 28W B15 240V B35 CL 1CT	370	100	-	2800	370	-
925712545501	EcoClassic 42W B15 240V B35 CL 1CT	630	100	-	2800	630	-

Electrical Characteristics

Order code	Full product name	Voltage	Lamp Wattage	Lamp Current	Dimmable	Wattage Equivalent	Rated Wattage	Starting Time	Warm-up Time to 60% Light Outp
925636935801	EcoClassic 28W E14 127V B35 CL 1CT	127	28	0.22	Yes	40	28	0.01 (max)	instant full light
925639644201	EcoClassic 28W E14 230V B35 CL 1CT	230	28	0.12	Yes	35	28	0.01 (max)	instant full light
925639644202	EcoClassic 28W E14 230V B35 CL 1BC	230	28	0.12	Yes	35	28	0.01 (max)	instant full light
925639644208	EcoClassic 28W E14 230V B35 CL 1BC	230	28	0.12	Yes	35	28	0.01 (max)	instant full light
925639644213	EcoClassic 28W E14 230V B35 CL 1CT	230	28	0.12	Yes	35	28	0.01 (max)	instant full light

Order code	Full product name	Voltage	Lamp Wattage	Lamp Current	Dimmable	Wattage Equivalent	Rated Wattage	Starting Time	Warm-up Time to 60% Light Outp
925639644221	EcoClassic 28W E14 230V B35 CL 1CT	230	28	0.12	Yes	35	28	0.01 (max)	instant full light
925639644224	EcoClassic 28W E14 230V B35 CL 2BC	230	28	0.12	Yes	35	28	0.01 (max)	instant full light
925639645503	EcoClassic 28W E14 240V B35 CL 1CT	240	28	0.12	Yes	35	28	0.01 (max)	instant full light
925646144201	EcoClassic 18W E14 230V B35 CL 1CT	230	18	0.08	Yes	23	18	0.01 (max)	instant full light
925646144202	EcoClassic 18W E14 230V B35 CL 1BC	230	18	0.08	Yes	23	18	0.01 (max)	instant full light
925646144209	EcoClassic 18W E14 230V B35 CL 1CT	230	18	0.08	Yes	23	18	0.01 (max)	instant full light
925646144212	EcoClassic 18W E14 230V B35 CL 2BC	230	18	0.08	Yes	23	18	0.01 (max)	instant full light
925646145501	EcoClassic 18W E14 240V B35 CL 1CT	240	18	0.08	Yes	23	18	0.01 (max)	instant full light
925646335801	EcoClassic 42W E14 127V B35 CL 1CT	127	42	0.33	Yes	60	42	0.01 (max)	instant full light
925646344201	EcoClassic 42W E14 230V B35 CL 1CT	230	42	0.18	Yes	55	42	0.01 (max)	instant full light
925646344202	EcoClassic 42W E14 230V B35 CL 1BC	230	42	0.18	Yes	55	42	0.01 (max)	instant full light
925646344207	EcoClassic 42W E14 230V B35 CL 1CT	230	42	0.18	Yes	55	42	0.01 (max)	instant full light
925646344210	EcoClassic 42W E14 230V B35 CL 2BC	230	42	0.18	Yes	55	42	0.01 (max)	instant full light
925646345503	EcoClassic 42W E14 240V B35 CL 1CT	240	42	0.18	Yes	55	42	0.01 (max)	instant full light
925649644214	EcoClassic 28W E14 230V B35 CL 1CT	230	28	0.12	Yes	35	28	0.01 (max)	instant full light
925649644219	EcoClassic 28W E14 230V B35 CL 2BC	230	28	0.12	Yes	35	28	0.01 (max)	instant full light
925692444219	EcoClassic 42W E14 230V B35 CL 2BC	230	42	0.08	Yes	55	42	0.01 (max)	instant full light
925694844205	EcoClassic 1500h 18W E14 230V B35 CL 2BC	230	18	0.08	Yes	23	18	0.01 (max)	instant full light
925639844202	EcoClassic 28W B22 230V B35 CL 1BC	230	28	0.12	Yes	35	28	0.01 (max)	instant full light
925639844204	EcoClassic 28W B22 230V B35 CL 2BC	230	28	0.12	Yes	35	28	0.01 (max)	instant full light
925639845503	EcoClassic 28W B22 240V B35 CL 1CT	240	28	0.12	Yes	35	28	0.01 (max)	instant full light
925646545503	EcoClassic 42W B22 240V B35 CL 1CT	240	42	0.18	Yes	55	42	0.01 (max)	instant full light
925693545501	EcoClassic 18W B22 240V B35 CL 1CT	240	18	0.08	Yes	23	18	0.01 (max)	instant full light
925636936301	EcoClassic 28W E14 120V B35 CL 1CT	120	28	0.23	Yes	40	28	0.01 (max)	instant full light
925646336301	EcoClassic 42W E14 120V B35 Clear 1CT	120	42	0.35	Yes	60	42	0.01 (max)	instant full light
925712245501	EcoClassic 18W B15 240V B35 CL 1CT	240	18	0.075	Yes	23	18	0.01 (max)	instant full light
925712345501	EcoClassic 28W B15 240V B35 CL 1CT	240	28	0.117	Yes	35	28	0.01 (max)	instant full light
925712545501	EcoClassic 42W B15 240V B35 CL 1CT	240	42	0.175	Yes	55	42	0.01 (max)	instant full light

Environmental Characteristics

Order code	Full product name	Energy Efficiency Label (EEL)	Mercury (Hg) Content
925636935801	EcoClassic 28W E14 127V B35 CL 1CT	C	0.0
925639644201	EcoClassic 28W E14 230V B35 CL 1CT	D	0.0
925639644202	EcoClassic 28W E14 230V B35 CL 1BC	D	0.0
925639644208	EcoClassic 28W E14 230V B35 CL 1BC	D	0.0
925639644213	EcoClassic 28W E14 230V B35 CL 1CT	D	0.0
925639644221	EcoClassic 28W E14 230V B35 CL 1CT	D	0.0
925639644224	EcoClassic 28W E14 230V B35 CL 2BC	D	0.0
925639645503	EcoClassic 28W E14 240V B35 CL 1CT	D	0.0
925646144201	EcoClassic 18W E14 230V B35 CL 1CT	D	0.0
925646144202	EcoClassic 18W E14 230V B35 CL 1BC	D	0.0
925646144209	EcoClassic 18W E14 230V B35 CL 1CT	D	0.0
925646144212	EcoClassic 18W E14 230V B35 CL 2BC	D	0.0
925646145501	EcoClassic 18W E14 240V B35 CL 1CT	D	0.0
925646335801	EcoClassic 42W E14 127V B35 CL 1CT	C	0.0
925646344201	EcoClassic 42W E14 230V B35 CL 1CT	C	0.0
925646344202	EcoClassic 42W E14 230V B35 CL 1BC	C	0.0
925646344207	EcoClassic 42W E14 230V B35 CL 1CT	C	0.0
925646344210	EcoClassic 42W E14 230V B35 CL 2BC	C	0.0
925646345503	EcoClassic 42W E14 240V B35 CL 1CT	C	0.0
925649644214	EcoClassic 28W E14 230V B35 CL 1CT	D	0.0
925649644219	EcoClassic 28W E14 230V B35 CL 2BC	D	0.0
925692444219	EcoClassic 42W E14 230V B35 CL 2BC	C	0.0
925694844205	EcoClassic 1500h 18W E14 230V B35 CL 2BC	D	0.0
925639844202	EcoClassic 28W B22 230V B35 CL 1BC	D	0.0
925639844204	EcoClassic 28W B22 230V B35 CL 2BC	D	0.0
925639845503	EcoClassic 28W B22 240V B35 CL 1CT	D	0.0
925646545503	EcoClassic 42W B22 240V B35 CL 1CT	C	0.0
925693545501	EcoClassic 18W B22 240V B35 CL 1CT	D	0.0
925636936301	EcoClassic 28W E14 120V B35 CL 1CT	C	0.0
925646336301	EcoClassic 42W E14 120V B35 Clear 1CT	C	0.0
925712245501	EcoClassic 18W B15 240V B35 CL 1CT	C	0.0
925712345501	EcoClassic 28W B15 240V B35 CL 1CT	C	0.0
925712545501	EcoClassic 42W B15 240V B35 CL 1CT	C	0.0

Measuring Conditions

Order code	Full product name	Switching cycle
925636935801	EcoClassic 28W E14 127V B35 CL 1CT	8000X
925639644201	EcoClassic 28W E14 230V B35 CL 1CT	8000X
925639644202	EcoClassic 28W E14 230V B35 CL 1BC	8000X
925639644208	EcoClassic 28W E14 230V B35 CL 1BC	8000X
925639644213	EcoClassic 28W E14 230V B35 CL 1CT	8000X
925639644221	EcoClassic 28W E14 230V B35 CL 1CT	8000X
925639644224	EcoClassic 28W E14 230V B35 CL 2BC	8000X
925639645503	EcoClassic 28W E14 240V B35 CL 1CT	8000X
925646144201	EcoClassic 18W E14 230V B35 CL 1CT	8000X
925646144202	EcoClassic 18W E14 230V B35 CL 1BC	8000X
925646144209	EcoClassic 18W E14 230V B35 CL 1CT	8000X
925646144212	EcoClassic 18W E14 230V B35 CL 2BC	8000X
925646145501	EcoClassic 18W E14 240V B35 CL 1CT	8000X
925646335801	EcoClassic 42W E14 127V B35 CL 1CT	8000X
925646344201	EcoClassic 42W E14 230V B35 CL 1CT	8000X
925646344202	EcoClassic 42W E14 230V B35 CL 1BC	8000X
925646344207	EcoClassic 42W E14 230V B35 CL 1CT	8000X
925646344210	EcoClassic 42W E14 230V B35 CL 2BC	8000X
925646345503	EcoClassic 42W E14 240V B35 CL 1CT	8000X
925649644214	EcoClassic 28W E14 230V B35 CL 1CT	8000X
925649644219	EcoClassic 28W E14 230V B35 CL 2BC	8000X
925692444219	EcoClassic 42W E14 230V B35 CL 2BC	8000X
925694844205	EcoClassic 1500h 18W E14 230V B35 CL 2BC	8000X
925639844202	EcoClassic 28W B22 230V B35 CL 1BC	8000X
925639844204	EcoClassic 28W B22 230V B35 CL 2BC	8000X
925639845503	EcoClassic 28W B22 240V B35 CL 1CT	8000X
925646545503	EcoClassic 42W B22 240V B35 CL 1CT	8000X
925693545501	EcoClassic 18W B22 240V B35 CL 1CT	8000X
925636936301	EcoClassic 28W E14 120V B35 CL 1CT	8000X
925646336301	EcoClassic 42W E14 120V B35 Clear 1CT	8000X
925712245501	EcoClassic 18W B15 240V B35 CL 1CT	8000X
925712345501	EcoClassic 28W B15 240V B35 CL 1CT	8000X
925712545501	EcoClassic 42W B15 240V B35 CL 1CT	8000X

Luminaire Design Requirements

Order code	Full product name	Cap-Base Temperature
925639644201	EcoClassic 28W E14 230V B35 CL 1CT	130 (max)
925639644202	EcoClassic 28W E14 230V B35 CL 1BC	130 (max)
925639644208	EcoClassic 28W E14 230V B35 CL 1BC	130 (max)
925639644213	EcoClassic 28W E14 230V B35 CL 1CT	130 (max)
925639644221	EcoClassic 28W E14 230V B35 CL 1CT	130 (max)
925639644224	EcoClassic 28W E14 230V B35 CL 2BC	130 (max)
925639645503	EcoClassic 28W E14 240V B35 CL 1CT	130 (max)
925646144201	EcoClassic 18W E14 230V B35 CL 1CT	130 (max)
925646144202	EcoClassic 18W E14 230V B35 CL 1BC	130 (max)
925646144209	EcoClassic 18W E14 230V B35 CL 1CT	130 (max)
925646144212	EcoClassic 18W E14 230V B35 CL 2BC	130 (max)
925646145501	EcoClassic 18W E14 240V B35 CL 1CT	130 (max)
925646344201	EcoClassic 42W E14 230V B35 CL 1CT	130 (max)
925646344202	EcoClassic 42W E14 230V B35 CL 1BC	130 (max)
925646344207	EcoClassic 42W E14 230V B35 CL 1CT	130 (max)
925646344210	EcoClassic 42W E14 230V B35 CL 2BC	130 (max)
925646345503	EcoClassic 42W E14 240V B35 CL 1CT	130 (max)
925649644214	EcoClassic 28W E14 230V B35 CL 1CT	130 (max)
925649644219	EcoClassic 28W E14 230V B35 CL 2BC	130 (max)
925692444219	EcoClassic 42W E14 230V B35 CL 2BC	130 (max)

Order code	Full product name	Cap-Base Temperature
925694844205	EcoClassic 1500h 18W E14 230V B35 CL 2BC	130 (max)
925639844202	EcoClassic 28W B22 230V B35 CL 1BC	130 (max)
925639844204	EcoClassic 28W B22 230V B35 CL 2BC	130 (max)
925639845503	EcoClassic 28W B22 240V B35 CL 1CT	130 (max)

Order code	Full product name	Cap-Base Temperature
925646545503	EcoClassic 42W B22 240V B35 CL 1CT	130 (max)
925693545501	EcoClassic 18W B22 240V B35 CL 1CT	130 (max)
925636936301	EcoClassic 28W E14 120V B35 CL 1CT	130 (max)

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